Panasonic

Operating Instructions

Microwave Oven

Model NN-7850/NN-7750
NN-6850/NN-6800
NN-6750/NN-6700
NN-6550/NN-6500
NN-6450/NN-6400
750W

NN-5750/NN-5700
NN-5550/NN-5350
NN-5250 650W

Before operating this oven, please read these instructions completely.

Precautions in the Use of Microwave Ovens for Heating Food

INSPECTION FOR DAMAGE. A microwave oven should only be used if an inspection confirms all the following items:

1. The grille is not damaged or broken.
2. The door fits squarely and securely and opens and closes smoothly.
3. The door hinges are in good condition.
4. The door does not open more than a few millimetres without an audible operation of the safety switches.
5. The metal plates of the metal seal on the door are neither buckled nor deformed.
6. The door seals are neither covered with food nor have large burn marks.

PRECAUTIONS. Microwave radiation from microwave ovens can cause harmful effects if the following precautions are not taken:

1. Never tamper with or inactivate the interlocking devices on the door.
2. Never poke an object, particularly a metal object, through the grille or between the door and the oven while the oven is operating.
3. Never place saucepans, unopened cans or other heavy metal objects in the oven.
   Do not let other metallic articles, e.g. fast food foil containers, touch the side of the oven. Refer to cookbook for further detail.
4. Clean the oven cavity, the door and the seals with water and a mild detergent at regular intervals. Never use any form of abrasive cleaner that may scratch or scour surfaces around the door.
5. Never use the oven without the trays provided by the manufacturer.
6. Never operate the oven without a load (i.e.an absorbing material such as food or water) in the oven cavity unless specifically allowed in the manufacturer's literature.
7. Never rest heavy objects such as food containers on the door while it is open.
8. Do not place sealed containers in the microwave oven.
   NOTE:Babies bottles fitted with a screw cap or a teat are considered to be sealed containers.

Important Instructions

WARNING——To reduce the risk of burns, electric shock, fire, injury to persons or excessive microwave energy:

1. Read all instructions before using microwave oven.
2. Some products such as whole eggs and sealed containers - (for example, closed glass jars **and sealed baby bottles with teat**) - may explode and should not be heated in microwave oven. Refer to cookbook for more detail.
3. Use this microwave oven only for its intended use as described in this manual.
4. As with any appliance, close supervision is necessary when used by children.
5. Do not operate this microwave oven, if it is not working properly, or if it has been damaged or dropped.
6. To reduce the risk of fire in the oven cavity:
   (a) Do not overcook food. Carefully attend microwave oven if paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
   (b) Remove wire twist-ties from bags before placing bag in oven.
   (c) If materials inside the oven should ignite, keep oven door closed, turn oven off at the wall switch, or shut off power at the fuse or circuit breaker panel.

Earthing Instructions

This microwave oven must be earthed. In the event of an electrical short circuit, earthing reduces the risk of electric shock by providing an escape wire for the electric current. This microwave oven is equipped with a cord having an earthing wire with an earthing plug. The plug must be plugged into an outlet that is properly installed and earthed.
WARNING —— Improper use of the earthing plug can result in a risk of electric shock.

WE CERTIFY THAT THIS MICROWAVE OVEN HAS BEEN INSPECTED AND COMPLIES WITH THE REQUIREMENTS OF REGULATION 3, SUBCLAUSE(2), OF THE MICROWAVE OVENS REGULATIONS 1982.
MATSUSHITA ELECTRIC INDUSTRIAL CO.,LTD.

(This statement applicable only to New Zealand.)

WARNING

a) The appliance should be inspected for damage to the door seals and door seal areas. If these areas are damaged the appliance should not be operated until it has been repaired by a service technician trained by the manufacturer.
b) It is dangerous for anyone other than a service technician trained by the manufacturer to service this appliance.
c) If the supply cord of this appliance is damaged, it must be replaced by the special cord available only from the manufacturer.

General Use

1. In order to maintain high quality, Do not operate the oven when empty. The microwave energy will reflect continuously throughout the oven if no food or water is present to absorb energy.
2. If a fire occurs in the oven, touch the STOP/RESET Pad and Leave Door Closed, or turn TIMER to zero and Leave Door Closed. Disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
3. Do not dry clothes, newspapers or other materials in oven. They may catch on fire.
4. Do not use recycled paper products, as they may contain impurities which may cause sparks and/or fires when used.
5. Do not use newspapers or paper bags for cooking.
6. Do not hit or strike control panel. Damage to controls may occur.
7. POT HOLDERS may be needed as heat from food is transferred to the cooking container and from the container to the glass tray. The glass tray can be very hot after removing the cooking container from the oven.
8. Do not store flammable materials next to, on top of, or in the oven. It could be a fire hazard.
9. Do not cook food directly on glass tray unless indicated in recipes. (Food should be placed in a suitable cooking utensil.)
10. **Do NOT** use this oven to heat chemicals or other non-food products. **Do NOT** clean this oven with any product that is labelled as containing corrosive chemicals. **The heating of corrosive chemicals in this oven may cause microwave radiation leaks.**

Placement of Oven

1. The oven must be placed on a flat, stable surface. For correct operation, the oven must have sufficient air flow. **Allow 10 cm of space at back, 5 cm on both sides and on top of oven. Do not remove feet.**
   a. Do not block air vents. If they are blocked during operation, the oven may overheat. If the oven overheats, a thermal safety device will turn the oven off. The oven will remain inoperable until it has cooled.
   b. Do not place oven near a hot or damp surface such as a gas stove, electric range **or sink etc.**
   c. Do not operate oven when room humidity is too high.
2. This oven was manufactured for household use only.
3. These ovens except for NN-5750/5700/5550/5350/5250 may be built into a wall cabinet, if desired. Trim kits may be purchased from a local Panasonic dealer. See page 8 for technical specifications.

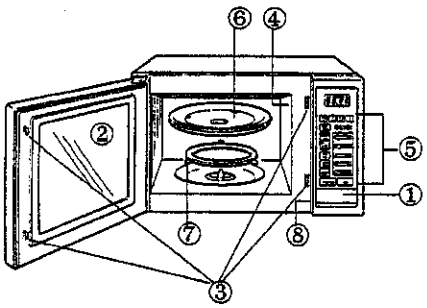
Food

1. Do not use your oven for home canning or the heating of any closed jar. Pressure will build up and the jar may explode. In addition, the microwave oven cannot maintain the food at the correct canning temperature. Improperly canned food may spoil and be dangerous to consume.
2. Do not attempt to deep fat fry in your microwave oven.
3. Do not boil eggs in their shell. (unless otherwise stated in cookbook.) Pressure will build up and the eggs will explode.
4. Potatoes, apples, egg yolks, whole squash and sausages are examples of foods with nonporous skins. This type of food must be pierced before cooking, to prevent bursting.
5. Stir liquids several times during heating to avoid eruption of the liquid from the container, e.g. water, milk or milk based fluids.
6. **DO NOT USE A CONVENTIONAL MEAT THERMOMETER IN THE MICROWAVE OVEN. To check the degree of cooking of roasts and poultry use a MICROWAVE THERMOMETER.** Alternatively, a conventional meat thermometer may be used after the food is removed from the oven. If undercooked, return meat or poultry to the oven and cook for a few more minutes at the recommended power level. It is important to ensure that meat and poultry are thoroughly cooked. (See your cookbook for further information.)
7. **COOKING TIMES given in the cookbook are APPROXIMATE.** Factors that may affect cooking time are preferred degree of moisture content, starting temperature, altitude, volume, size, shape of food and utensils used. As you become familiar with the oven, you will be able to adjust for these factors.
8. **It is better to UNDERCOOK RATHER THAN OVERCOOK foods.** If food is undercooked, it can always be returned to the oven for further cooking. If food is overcooked, nothing can be done. Always start with minimum cooking times recommended.

Circuits

Panasonic microwave ovens should be operated on a separate 230–240 V 10 A circuits from other appliances. Failure to do this may cause the power board fuse to blow, and/or food to cook slower. Do not insert higher value fuse in the power board.

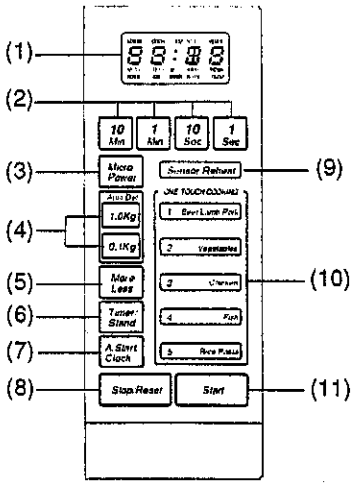
Feature Diagram



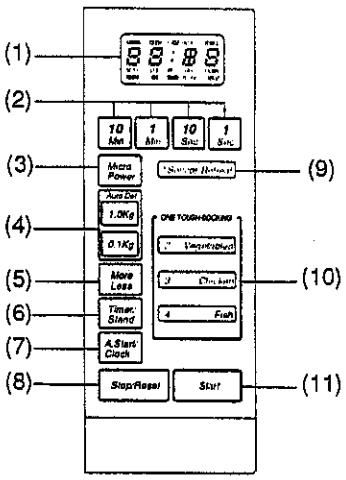
① Door Release Button
② Oven Window
③ Door Safety Lock System
④ Oven Air Vent
⑤ Control Panel
⑥ Glass Tray
⑦ Roller Ring
⑧ Identification Plate (model number)

Control Panel

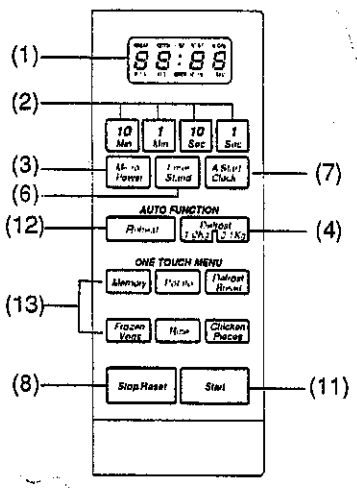
NN-7850
6850/6800



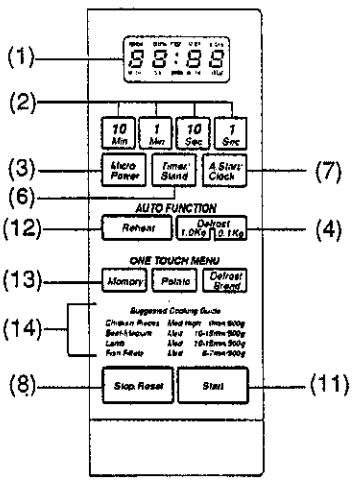
NN-7750/6750/6700/
5750/5700



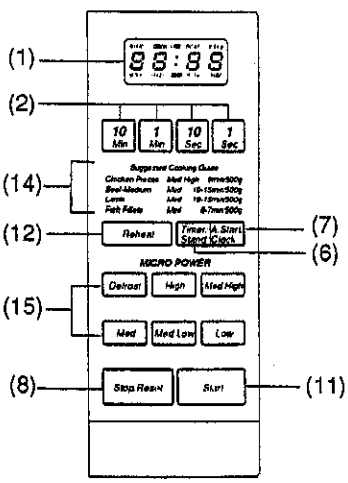
NN-6550/6500/
5550



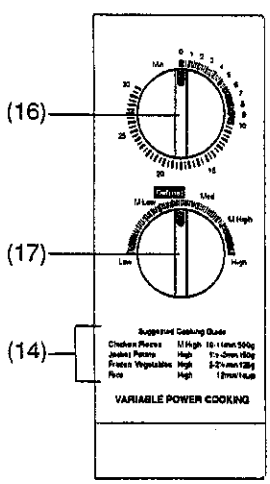
NN-6450/6400



NN-5350



NN-5250



Controls with Auto Count-Up Feature*

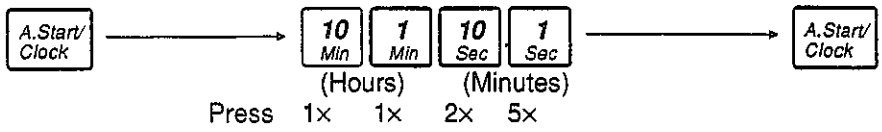
(1) Display Window
(2) Time Pads*
(3) Micro Power Pad*
(4) Auto Defrost
1.0 kg/0.1 kg Pads*
(5) More / Less Pad
(6) Timer / Stand Pad
(7) Auto Start / Clock Pad
(8) Stop / Reset Pad
(9) Sensor Reheat Pad
(10) One Touch Cooking Pads
(Sensor Cook)
(11) Start Pad
(12) Auto Reheat Pad*
(13) One Touch Menu Pads*
(14) Cooking Guide
(15) Micro Power Pads
(16) Timer
(17) Power Select Control

Controls and Operation Procedure

Auto Start/Clock Pad: All models except NN-5250

It is a 12 hour clock, i.e. set 2:00 pm as 2:00 NOT 14:00.
When oven is first plugged in, "88:88" will appear in the display window.

To set clock



- **Press Auto Start/Clock Pad. Colons will start blinking.**
- **Set time of day. e.g. 11:25**
- **Press Auto Start/Clock Pad again to stop colons blinking. Time of day is now locked into oven display. NOTE: Oven will not operate while colons are still blinking.**

Micro Power Pad: All models except NN-5250

Select power level before programming in the cooking time.

For All models except NN-5350

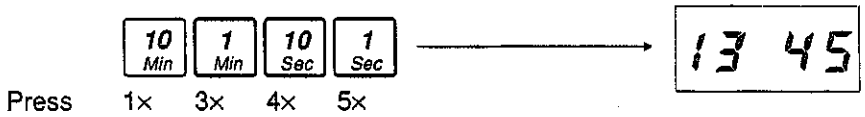
Press [Micro Power] 1× for **HIGH**, 2× for **DEFROST**, 3× for **MEDIUM-HIGH**, 4× for **MEDIUM**, 5× for **MEDIUM-LOW**, 6× for **LOW**

For NN-5350
Press appropriate power pad.

Time Pads: All models except NN-5250

The Pads can be programmed up to 99 minutes and 99 seconds.

Example : To set 13 minutes 45 seconds



Stop/Reset Pad: All models except NN-5250

Before cooking: One tap clears your instructions.
During cooking: One tap temporarily stops the cooking process. Another tap cancels all your instructions and time of day appears in display window.

[Stop/Reset]

Start Pad: All models except NN-5250

One tap allows oven to begin functioning. If door is opened or STOP/RESET Pad is tapped once during oven operation, START Pad must again be touched to restart oven.

[Start]

Door Release Button:

Opening the door during cooking will stop the cooking process without cancelling the program. Cooking resumes as soon as the door is closed and START Pad is touched. The oven light will turn on and stay on whenever the door is opened.
It is quite safe to open the door at any time during a cooking program and there is no risk of Microwave exposure.

Beep Sound: All models except NN-5250

When a pad is touched correctly, a beep will be heard. If a pad is touched and no beep is heard, the unit has not or cannot accept the instruction. The oven will beep twice between programmed stages. At the end of any complete program, the oven will beep 5 times.

Operation of NN-5250

To set a cooking program:

Place food in oven.

•Turn Power Select Control to correct required power level.

•Select correct cooking time using Timer.

NB: as soon as Timer is turned, oven will start cooking food.
ALWAYS RETURN TIMER BACK TO ZERO position if food is removed from oven before set cooking time is complete and when oven is not in use.
TO STOP OVEN when a cooking program is set, push Door Release Button and open door——microwaves automatically stop entering oven cavity because of safety door lock system. If remaining cooking time is not required, turn TIMER back to ZERO position before closing door.

Setting a Cooking Sequence

One Stage Cooking: For all models

Select power level → Select cooking time → Press Start

(except NN-5250)

When selecting HIGH power on the first stage, it is not necessary to press MICRO POWER Pad. Simply set cooking time by pressing TIME Pad and press START Pad.

Two Stage Cooking: All models except NN-5250

e.g. HIGH power 10 minutes followed by MEDIUM-LOW power 20 minutes;
Select HIGH power and program 10 mins then select second power (MEDIUM-LOW) with second cooking time (20 mins) then press Start.

Three Stage Cooking: All models except NN-5250

e.g. HIGH power 5 mins, Stand 5 mins, HIGH power 2 mins;
Select first power level and cooking time, then press TIMER/STAND Pad and select STAND time, then select final power level and final cooking time. Then press Start.

Auto Start: All models except NN-5250

This feature allows you to automatically delay the Start of cooking.

Select the POWER and COOKING TIME as above. → [A.Start/Clock] → [10 Min] [1 Min] [10 Sec] [1 Sec] → [Start]

(Hours) (Minutes)

•Set time to start cooking.

The oven display will return to the present time, with the colon blinking. It will then start cooking at the pre-set time of day. (Remember, the clock is a 12 hour clock.)

Timer/Stand: All models except NN-5250

This feature allows you to program a stand time after cooking, or to use it as a kitchen timer.

[Timer/Stand] → [10 Min] [1 Min] [10 Sec] [1 Sec] → [Start] → The oven will beep when stand time is completed.

•Set desired stand time.

Auto Defrost: All models except NN-5350/5250

See cookbook for further details.

[Defrost 1.0Kg 0.1Kg] or [Auto Def 1.0Kg 0.1Kg] → [Start]

•Set the weight.

Auto Reheat: NN-6550/6500/6450/6400/5550/5350

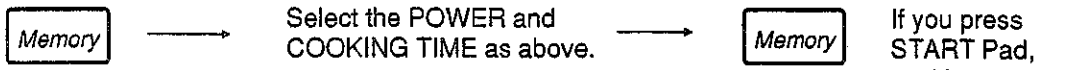
- **Press REHEAT Pad until the desired number of servings (1-4) appears in display window.**

One Touch Menu: NN-6550/6500/6450/6400/5550

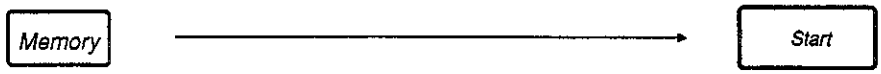
Memory Pad:

- This feature allows you to conveniently program one recipe program into memory.

To set Memory Program

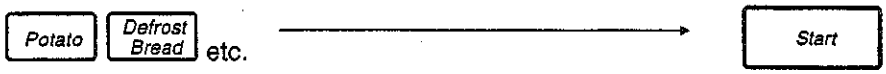


To use Memory Program



Potato, Defrost Bread, Frozen Vegs, Rice and Chicken Pieces Pads:

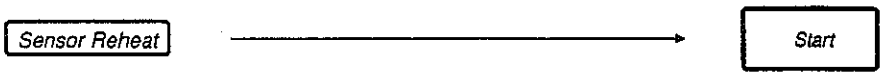
This feature allows you to cook or defrost foods without having to select cooking times and powers. The oven does it automatically. See cookbook for further details.



- **Press desired Category Pad (e.g. Potato) until the desired serving size appears in display window.**

Sensor Reheat: NN-7850/7750/6850/6800/6750/6700/5750/5700

This feature allows you to reheat precooked room temperature and refrigerator temperature foods without having to select cooking time and powers. The oven does it automatically.



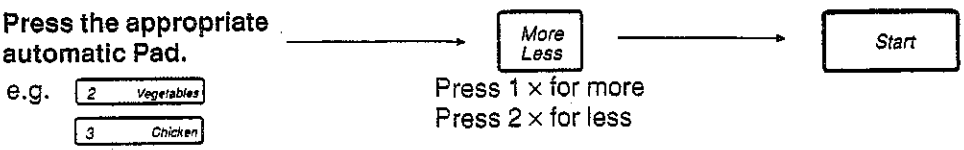
One Touch Cooking: NN-7850/7750/6850/6800/6750/6700/5750/5700

This feature allows you to cook most of your favourite foods without having to select cooking times and powers. The oven does it automatically. For further information refer to the cookbook and cooking guide on the inside of an oven.

- **Press the desired Category Pad until the desired category number and item appears in the display window.**

More/Less Pad: NN-7850/7750/6850/6800/6750/6700/5750/5700

When using Sensor Reheat and One Touch Cooking, More/Less Pad can be used. Sensor programs can be adjusted to reheat or cook food for a longer or shorter time.



Care of Your Microwave Oven

1. Turn the oven off and remove the power plug from the wall socket before cleaning.
2. Keep the inside of the oven clean. When food splatters or spilled liquids adhere to oven walls, wipe with a damp cloth. Mild detergent may be used if the oven gets very dirty. The use of harsh detergent or abrasives is not recommended.
3. The outside oven surfaces should be cleaned with a damp cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into the ventilation openings.
4. Do not allow the Control Panel to become wet. Clean with a soft, damp cloth. Do not use detergents, abrasives or spray-on cleaners on the Control Panel.
   When cleaning the Control Panel, leave oven door open to prevent oven from accidentally turning on. After cleaning touch STOP/RESET Pad to clear display window, or make sure oven timer is set to off position.
5. If steam accumulates inside or around the outside of the oven door, wipe with a soft cloth. This may occur when the microwave oven is operated under high humidity conditions and in no way indicates malfunction of the unit.
6. It is occasionally necessary to remove the glass tray for cleaning. Wash the tray in warm sudsy water or in a dishwasher.
7. The roller ring and oven cavity floor should be cleaned regularly to avoid excessive noise. Simply wipe the bottom surface of the oven with mild detergent, water or window cleaner and dry. The roller ring may be washed in mild sudsy water or dish washer. Cooking vapours collect during repeated use but in no way affect the bottom surface or roller ring wheels.
   When removing the roller ring from cavity floor for cleaning, be sure to replace in the proper position.
8. When it becomes necessary to replace the oven light, please consult a dealer to have it replaced.

Technical Specifications

	NN-7850/NN-7750	NN-6850/NN-6800/NN-6750 NN-6700/NN-6550/NN-6500 NN-6450/NN-6400	NN-5750/NN-5700/NN-5550 NN-5350/NN-5250
Power Consumption:	6.0 A, 1,400 W	6.0 A, 1,400 W	5.2 A, 1,180 W
Output:	750 W	750 W	650 W
Outside Dimensions:	356 mm (H)× 595 mm(W) × 415 mm(D)	306 mm (H)× 555 mm(W) × 425 mm (D)	306 mm (H)× 510 mm (W) × 360 mm (D)
Oven Cavity Dimensions:	259 mm (H)× 415 mm(W) × 385 mm(D)	201 mm(H)× 375 mm (W) × 395 mm(D)	200 mm (H)× 330 mm(W) × 330 mm(D)
Operating Frequency:	2,450 MHz	2,450 MHz	2,450 MHz
Trim Kit:	NN-TK707 W	NN-TK608 W : White color NN-TK609 : Brown color	———
Uncrated Weight:	Approx. 18.5 kg	Approx. 17 kg	Approx. 14.5 kg

Specifications subject to change without notice.

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A00035501QP
F0990-1090
Printed in Japan